



Mobile Water Services

DI Trailer & Skid Mounted Ion Exchange Vessels

WATER TECHNOLOGIES

A Focus On Mobile DI Trailer

High purity water is essential for many industries and processes. Veolia Water Technologies offers deionization (DI) trailers to provide ultra-pure water without the need for on-site regeneration to help achieve water and sustainability goals.

Mobile DI

System Specifications

The Veolia DI trailers include the latest design in mobile demineralization including up to twenty-one 30 ft³ tanks consisting of separate bed cation and anion resin, plus three 15 ft³ tanks of mixed bed resin; configured as follows:

- SAC – 9 x 30 ft³ (H+form)
- WBA – 6 x 30 ft³ (OH-form)
- SBA – 6 x 30 ft³ (OH-form)
- MB – 3 x 15 ft³ (H+, OH-form)
- Standard confirmation referred to as 9/6/6/3
- The trailer includes 4" male cam locks for inlet, outlet service, and outlet rinse down, and requires power connected to our two 110 volt, 20 AMP



Features

High-capacity 10 million grains

<0.2 $\mu\text{S}/\text{cm}$ effluent conductivity

Regeneration Facilities



Polishing Demineralization

Skid-mounted steel rubber lined pressure vessels which can be utilized with different media's from ion exchange, filtration and carbon adsorption to meet a variety of applications to meet your treated water requirements in a flexible, fast and efficient manner without the use of onsite chemicals. Flows range up to 350 GPM per vessel.

Additional Mobile Water Services

Technologies In Our Fleet



Reverse Osmosis

A modular mobile trailer mounted reverse osmosis system providing capacities up to 440 GPM (single-pass mode) or 180 GPM (double-pass mode).



Ultrafiltration

A trailer-mounted asset that produces up to 1,450 GPM (340 m³/hour) of treated water and is the largest mobile ultrafiltration technology available on the market today.



Discfiltration

The Hydrotech Discfilter is a woven media filter for fine solids removal and product recovery offering a large filter area in a small footprint. Polishing range in excess of 3,000 GPM.



Chemical Softening

Using ACTIFLO® Turbo technology to maximize capacity and minimize footprint and energy consumption for hardness, alkalinity and silica reduction through lime and soda ash addition. Flows up to 1100 GPM per trailer.



Clarification

Using ACTIFLO® Turbo technology to maximize capacity and minimize footprint and energy consumption, this high-rate clarifier is excellent for turbidity/TSS reduction, metals removal, color, organic removal, and other precipitation/settling applications. Flows range up to 1,400 GPM.



Pump Skid

Duplex skid mounted pump system which is supplied complete with associated pipe work and valves, instruments and control panel. Each pump is installed with its own dedicated variable frequency drive to ensure optimal and efficient pressure and flow control to meet a variety of applications.

A Flexible Solution for Mobile Water Treatment

Mobile water treatment systems delivered to your site, whenever you need them.

Veolia offers reliable, secure, 24/7 services to suit all requirements. Pre-packaged on a trailer, skid, or container for maximum mobility and responsiveness, a portable water treatment plant will instantly enhance your facility.



Keeping industry flowing

Our mobile water treatment systems are deployed via stand-alone units or modular units in combination to form complete systems with state-of-the-art purification technologies. We provide a full-service offering with flow rates ranging from 20 GPM to 5,000 GPM. Our solutions include high-quality assets to rent, consumables, spare parts, chemicals, and services. All pre-engineered with 'plug-and-play' connections for ease of use.

One trusted provider, three flexible services

Emergency

Short-term, immediate cover to ensure business continuity in the case of an unexpected event.

Planned

Maintain the provision of treated water during scheduled maintenance, upgrade, or commissioning.

Multi-Year

Standard water treatment solutions for up to seven years.

APPLICATIONS

- Equipment breakdown
- Plant commissioning
- Maintenance outages
- Process trial
- Delayed delivery of new plant equipment
- Meet peak water demand rates
- Accommodate changes in raw water quality
- Environmental cleanup & remediation

INDUSTRIES

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Resourcing the world

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